EXHIBIT A

APPL Trial T-81

Project Manager: Scott Stephens (NGCF - New Generation Curly Fibers)
Project Number: 00050 W532 615 874 731 142-4513

Objectives:
- Attempt to overcome dye-caused L loss by post-treatment with alkaline hydrogen peroxide.
- Determine combinations of low dye levels and peroxide that will simultaneously achieve target L and b values.
- Produce samples for customer evaluation

Safety:
- Review MSDS's for all chemicals.
- Use proper personnel protective gear when handling the 50% hydrogen peroxide solution – goggles, face shield and rubber gloves. Other staff are to remain clear of this working area.
- Handle post-treatment solutions with care - prior to hydrogen peroxide addition, pH will be greater than 11.
- Use normal safety precautions related to working around the APPL area during its operation.

Run Conditions:	
Pulp	CF416
Pulp Linear Feed rate	60 fpm
Cross-linking Chemistry	CS-10
Impregnation Solution	See Run Matrices
Impregnation Solution pH	Adjust to pH between 2-2.1
Target Hammermill Feed Consistency	61%
Target Citric Acid on BDCF Pulp	7.616%
Target SHP (SHP.H_2O Basis) on BDCF Pulp	0.683 %
Dye Types Evaluated	Pergasol Blue PTD Pergasol Blue NLF
Dye Addition Rate	See Run Matrix
Impregnation Solution Rotameter Setting	44.7 % of scale
Nominal Cure Temperature	360 °F
Nominal Cure Time	5 minutes
Target Product Moisture	8-9%
Remoisturization Solutions	See Run Matrix
Remoisturization Rotameter Setting	60% of scale reading (Water Pressure – 20 psi with air pressure adjusted to achieve this setting, approximately 27-28 psi.)

Samples:
Pulp Feed Rolls: 2 samples per roll
Hammermill Feed: 3 samples per run condition
Baler Feed: 5 samples at steady state operation at least 2 minutes apart for each condition

In addition to the material bagged for analysis, collect and bag at least 1 kg of material at each condition for possible use as customer samples. Place samples in a black plastic bags for storage.

Sample Analyses:
Pulp Feed Rolls: Moisture
Hammermill Feed: Moisture
Baler Feed: Moisture, Brightness, Hunter and CIE Color (0 & 14 days), 5K and odor

- Baler Feed 5K, brightness and color samples will be placed in 13" x 18" bags. (These sample bags must not be exposed to light for any long term duration. Place all sample bags in a black plastic bag and store in the black plastic bag.)
- Pulp Feed Rolls, Hammermill Feed and Baler Feed moisture samples will be placed in 9x12 inch sample bags. Baler Feed moisture samples will e also used of odor determination.

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Witnessed & Understood by me, | Date | Invented by | Date [redacted]
Recorded by Kathy Welch

EXHIBIT B

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Run Matrix						
Run ID	Impregnation Solution		Post-Treatment Targets		Post-Treatment Recipes	
	Dye Type	Dye Loading	NaOH	Hydrogen Peroxide	Solution Recipes (per 22.7 lbs. of DI Water)	
		oz./ADMT	lbs./ADMT	lbs./ADMT	lbs. NaOH	mls H_2O_2
A (Control)	No dye	0	0	0	0.000	0.0
B (Control)	No dye	0	2	1	0.362	138.1
C (Control)	No dye	0	2	2	0.364	278.3
D (Control)	No dye	0	2	5	0.373	713.0
E	Blue PTD	1	0	0	~~0.359~~ 0	0.0
F	Blue PTD	1	2	1	0.362	138.1
G	Blue PTD	1	2	2	0.364	278.3
H	Blue PTD	1	2	5	0.373	713.0
I	Blue PTD	2	0	0	0.000	0.0
J	Blue PTD	2	2	1	0.362	138.1
K	Blue PTD	2	2	2	0.364	278.3
L	Blue PTD	2	2	5	0.373	713.0
M (Control)	No dye	0	0	0	0.000	0.0
N (Control)	No dye	0	2	1	0.362	138.1
O (Control)	No dye	0	2	2	0.364	278.3
P (Control)	No dye	0	2	5	0.373	713.0
Q	Blue NLF	1	0	0	~~0.359~~ 0	0.0
R	Blue NLF	1	2	1	0.362	138.1
S	Blue NLF	1	2	2	0.364	278.3
T	Blue NLF	1	2	5	0.373	713.0
U	Blue NLF	2	0	0	0.000	0.0
V	Blue NLF	2	2	1	0.362	138.1
W	Blue NLF	2	2	2	0.364	278.3
X	Blue NLF	2	2	5	0.373	713.0

NOTES:
1. DI water is to be used for post-treatment solution make-up
2. Add the peroxide to the water just prior to dumping into the remoisturization tank to keep the peroxide as active as possible.

Impregnation Solution Recipes			
Dye Addition Rate	0	1	2
Solution Make-up Contingency Factor	52.0	52.6	52.6
Target Solution Component Weight in Pounds (Dye in grams)			
Citric Acid (as-received), lbs.	40.30	40.30	40.30
SHP (as-received), lbs.	3.61	3.61	3.61
Caustic (as-received), lbs.	0.96	0.96	0.96
Dye (Neat), grams	0.000	8.218	16.436
Water, lbs.	333.20	333.20	333.20
Total, lbs.	378.07	378.07	378.07
Volume of Water, gallons	40.0	40.0	40.0
Impregnation Solution Specific Gravity	1.05	1.05	1.05
Volume of Impregnation Solution, gallons	43.2	43.2	43.2

pH adjust all Cross-linking chemical solutions to 2-2.1

		pH
Day 1	1+2	2.01
	0	2.01
Day 2	1+2	2.08
	0	2.02

Discharge no chemical solutions until pH is adjusted to between 5 and 9. Record approximate quantity discharged and measured pH in the APPL Daily Log Book.

Planning Summary T-081

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KAW KAW

Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Welch	[redacted]

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EXHIBIT C

Test Results

Absorbent Products Pilot Line - Trial # 81

[redacted]

1	A-1	7.816	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.30	93.30	0.134
2	A-2	7.816	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.30	90.20	0.138
3	A-3	7.816	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.30	93.03	0.152
4	A-4	7.816	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.30	92.73	0.159
5	A-5	7.816	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.30	92.63	0.139
6	B-1	7.816	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.23	93.73	0.149
7	B-2	7.816	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.23	93.63	0.151
8	B-3	7.816	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.23	93.50	0.159
9	B-4	7.816	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.23	93.53	0.161
10	B-5	7.816	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.55	60.23	94.30	0.149
11	C-1	7.816	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.06	93.10	0.154
12	C-2	7.816	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.06	91.73	0.152
13	C-3	7.816	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.06	93.53	0.142
14	C-4	7.816	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.06	96.67	0.152
15	C-5	7.816	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.06	95.10	0.159
16	D-1	7.816	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.34	60.05	92.40	0.160
17	D-2	7.816	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.34	60.05	90.10	0.148
18	D-3	7.816	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.34	60.05	93.57	0.141
19	D-4	7.816	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.34	60.05	93.20	0.153
20	D-5	7.816	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.34	60.05	93.67	0.150
21	E-1	7.816	0.683	44.7	Blue PTD	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.87	93.57	0.136
22	E-2	7.816	0.683	44.7	Blue PTD	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.87	94.37	0.132
23	E-3	7.816	0.683	44.7	Blue PTD	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.87	94.20	0.157
24	E-4	7.816	0.683	44.7	Blue PTD	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.87	94.67	0.130
25	E-5	7.816	0.683	44.7	Blue PTD	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.34	59.87	95.07	0.137
26	F-1	7.816	0.683	44.7	Blue PTD	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.41	91.57	0.137
27	F-2	7.816	0.683	44.7	Blue PTD	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.41	94.10	0.129
28	F-3	7.816	0.683	44.7	Blue PTD	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.41	94.00	0.128
29	F-4	7.816	0.683	44.7	Blue PTD	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.41	96.00	0.157
30	F-5	7.816	0.683	44.7	Blue PTD	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.41	93.83	0.148
31	G-1	7.816	0.683	44.7	Blue PTD	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.62	91.30	0.152
32	G-2	7.816	0.683	44.7	Blue PTD	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.62	91.83	0.160
33	G-3	7.816	0.683	44.7	Blue PTD	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.62	91.50	0.164
34	G-4	7.816	0.683	44.7	Blue PTD	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.62	90.47	0.176
35	G-5	7.816	0.683	44.7	Blue PTD	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.62	92.77	0.160
36	H-1	7.816	0.683	44.7	Blue PTD	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.67	94.23	0.165
37	H-2	7.816	0.683	44.7	Blue PTD	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.67	90.53	0.161
38	H-3	7.816	0.683	44.7	Blue PTD	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.67	90.33	0.169
39	H-4	7.816	0.683	44.7	Blue PTD	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.67	91.07	0.156
40	H-5	7.816	0.683	44.7	Blue PTD	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.70	59.67	91.87	0.170
41	I-1	7.816	0.683	44.7	Blue PTD	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.42	59.56	93.50	0.207
42	I-2	7.816	0.683	44.7	Blue PTD	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.42	59.56	92.33	0.158
43	I-3	7.816	0.683	44.7	Blue PTD	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.42	59.56	94.47	0.168
44	I-4	7.816	0.683	44.7	Blue PTD	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.42	59.56	94.17	0.147
45	I-5	7.816	0.683	44.7	Blue PTD	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	92.42	59.56	94.13	0.161
46	J-1	7.816	0.683	44.7	Blue PTD	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.42	60.24	92.40	0.146
47	J-2	7.816	0.683	44.7	Blue PTD	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.42	60.24	94.00	0.143
48	J-3	7.816	0.683	44.7	Blue PTD	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.42	60.24	94.93	0.137
49	J-4	7.816	0.683	44.7	Blue PTD	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.42	60.24	95.30	0.142
50	J-5	7.816	0.683	44.7	Blue PTD	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	92.42	60.24	94.03	0.134
51	K-1	7.816	0.683	44.7	Blue PTD	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.41	92.63	0.134
52	K-2	7.816	0.683	44.7	Blue PTD	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.41	94.40	0.124
53	K-3	7.816	0.683	44.7	Blue PTD	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.41	93.87	0.138
54	K-4	7.816	0.683	44.7	Blue PTD	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.41	92.97	0.129
55	K-5	7.816	0.683	44.7	Blue PTD	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.41	90.53	0.129
56	L-1	7.816	0.683	44.7	Blue PTD	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.38	91.87	0.123
57	L-2	7.816	0.683	44.7	Blue PTD	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.38	92.43	0.129
58	L-3	7.816	0.683	44.7	Blue PTD	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.38	89.97	0.130
59	L-4	7.816	0.683	44.7	Blue PTD	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.38	90.67	0.143
60	L-5	7.816	0.683	44.7	Blue PTD	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	92.40	60.38	89.30	0.135

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Welch	[redacted]

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EXHIBIT D

Test Results

Absorbent Products Pilot Line - Trial # 81

[redacted]

61	M-1	7.616	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.21	61.00	95.00	0.165
62	M-2	7.616	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.21	61.00	93.03	0.150
63	M-3	7.616	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.21	61.00	93.60	0.148
64	M-4	7.616	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.21	61.00	94.10	0.162
65	M-5	7.616	0.683	44.7	None	0.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.21	61.00	90.87	0.150
66	N-1	7.616	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.21	60.69	92.97	0.143
67	N-2	7.616	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.21	60.69	93.97	0.158
68	N-3	7.616	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.21	60.69	92.50	0.146
69	N-4	7.616	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.21	60.69	95.40	0.143
70	N-5	7.616	0.683	44.7	None	0.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.21	60.69	90.27	0.137
71	O-1	7.616	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.31	59.89	94.37	0.157
72	O-2	7.616	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.31	59.89	93.50	0.151
73	O-3	7.616	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.31	59.89	93.60	0.156
74	O-4	7.616	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.31	59.89	93.80	0.158
75	O-5	7.616	0.683	44.7	None	0.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.31	59.89	94.93	0.137
76	P-1	7.616	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.58	93.67	0.143
77	P-2	7.616	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.58	94.93	0.148
78	P-3	7.616	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.58	93.60	0.157
79	P-4	7.616	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.58	95.13	0.152
80	P-5	7.616	0.683	44.7	None	0.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.58	93.53	0.156
81	Q-1	7.616	0.683	44.7	Blue NLF	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.29	92.77	0.141
82	Q-2	7.616	0.683	44.7	Blue NLF	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.29	91.07	0.140
83	Q-3	7.616	0.683	44.7	Blue NLF	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.29	91.50	0.146
84	Q-4	7.616	0.683	44.7	Blue NLF	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.29	91.33	0.138
85	Q-5	7.616	0.683	44.7	Blue NLF	1.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.31	60.29	90.00	0.138
86	R-1	7.616	0.683	44.7	Blue NLF	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.06	92.17	0.136
87	R-2	7.616	0.683	44.7	Blue NLF	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.06	94.20	0.139
88	R-3	7.616	0.683	44.7	Blue NLF	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.06	93.23	0.160
89	R-4	7.616	0.683	44.7	Blue NLF	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.06	92.93	0.138
90	R-5	7.616	0.683	44.7	Blue NLF	1.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.06	92.43	0.137
91	S-1	7.616	0.683	44.7	Blue NLF	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.76	93.10	0.153
92	S-2	7.616	0.683	44.7	Blue NLF	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.76	96.27	0.148
93	S-3	7.616	0.683	44.7	Blue NLF	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.76	94.37	0.156
94	S-4	7.616	0.683	44.7	Blue NLF	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.76	93.03	0.140
95	S-5	7.616	0.683	44.7	Blue NLF	1.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.76	95.53	0.153
96	T-1	7.616	0.683	44.7	Blue NLF	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.51	93.53	0.156
97	T-2	7.616	0.683	44.7	Blue NLF	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.51	92.60	0.160
98	T-3	7.616	0.683	44.7	Blue NLF	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.51	93.00	0.148
99	T-4	7.616	0.683	44.7	Blue NLF	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.51	92.03	0.162
100	T-5	7.616	0.683	44.7	Blue NLF	1.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.19	60.51	92.47	0.146
101	U-1	7.616	0.683	44.7	Blue NLF	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.76	92.17	0.146
102	U-2	7.616	0.683	44.7	Blue NLF	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.76	94.80	0.140
103	U-3	7.616	0.683	44.7	Blue NLF	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.76	93.57	0.136
104	U-4	7.616	0.683	44.7	Blue NLF	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.76	92.27	0.137
105	U-5	7.616	0.683	44.7	Blue NLF	2.0	0.0	0.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.76	93.77	0.160
106	V-1	7.616	0.683	44.7	Blue NLF	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.33	92.60	0.160
107	V-2	7.616	0.683	44.7	Blue NLF	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.33	94.43	0.150
108	V-3	7.616	0.683	44.7	Blue NLF	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.33	94.37	0.162
109	V-4	7.616	0.683	44.7	Blue NLF	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.33	95.67	0.149
110	V-5	7.616	0.683	44.7	Blue NLF	2.0	2.0	1.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.33	93.83	0.146
111	W-1	7.616	0.683	44.7	Blue NLF	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.05	94.43	0.169
112	W-2	7.616	0.683	44.7	Blue NLF	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.05	93.00	0.154
113	W-3	7.616	0.683	44.7	Blue NLF	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.05	92.40	0.159
114	W-4	7.616	0.683	44.7	Blue NLF	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.05	95.50	0.154
115	W-5	7.616	0.683	44.7	Blue NLF	2.0	2.0	2.0	CF416	4	60	16493	0.095	60	360	5	91.44	60.05	96.37	0.145
116	X-1	7.616	0.683	44.7	Blue NLF	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.99	96.13	0.163
117	X-2	7.616	0.683	44.7	Blue NLF	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.99	93.13	0.179
118	X-3	7.616	0.683	44.7	Blue NLF	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.99	91.23	0.194
119	X-4	7.616	0.683	44.7	Blue NLF	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.99	91.33	0.194
120	X-5	7.616	0.683	44.7	Blue NLF	2.0	2.0	5.0	CF416	4	60	16493	0.095	60	360	5	91.44	59.99	87.57	0.199

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Weld	[redacted]

rom Page No. 46

EXHIBIT E

Yaw

Yaw

Absorbent Produc [redacted]

1	A-1	76.06	94.05	-1.42	9.70	95.35	-1.38	9.93	78.37	94.78	-1.54	8.94	95.93	-1.48	9.09
2	A-2	74.98	93.88	-1.47	10.29	95.22	-1.43	10.58	77.66	94.65	-1.55	9.28	95.83	-1.50	9.46
3	A-3	76.33	94.25	-1.39	9.76	95.51	-1.35	9.99	79.28	94.93	-1.49	8.44	96.05	-1.44	8.66
4	A-4	76.27	94.14	-1.48	9.67	95.42	-1.43	9.90	78.87	94.92	-1.44	8.70	96.04	-1.39	8.84
5	A-5	76.11	94.05	-1.29	9.63	95.35	-1.25	9.86	77.39	94.56	-1.51	9.34	95.75	-1.46	9.52
6	B-1	80.22	95.62	-1.67	8.68	96.58	-1.61	8.79	82.63	95.74	-1.54	6.99	96.68	-1.48	7.00
7	B-2	80.59	95.59	-1.81	8.36	96.56	-1.76	8.44	83.02	95.98	-1.67	7.03	96.87	-1.61	7.04
8	B-3	80.89	95.69	-1.86	8.25	96.65	-1.80	8.33	82.94	95.88	-1.49	6.96	96.79	-1.43	6.96
9	B-4	80.42	95.55	-1.92	8.42	96.53	-1.86	8.51	82.59	95.96	-1.58	7.32	96.85	-1.53	7.36
10	B-5	79.48	95.27	-1.92	8.75	96.32	-1.86	8.87	82.35	95.74	-1.58	7.21	96.68	-1.53	7.23
11	C-1	81.43	95.74	-1.97	7.96	96.68	-1.90	8.01	83.89	95.99	-1.68	6.44	96.88	-1.62	6.44
12	C-2	81.57	95.88	-1.93	8.00	96.79	-1.88	8.06	84.62	96.32	-1.68	6.31	97.14	-1.60	6.29
13	C-3	80.30	95.74	-2.05	8.76	96.68	-1.98	8.86	83.18	96.12	-1.73	7.13	96.96	-1.67	7.14
14	C-4	80.72	95.81	-2.04	8.57	96.73	-1.98	8.66	84.34	96.15	-1.64	6.29	97.01	-1.49	6.27
15	C-5	80.91	95.84	-1.91	8.19	96.80	-1.85	8.27	83.65	95.99	-1.69	6.59	96.88	-1.63	6.58
16	D-1	82.89	96.15	-1.88	7.35	97.00	-1.79	7.36	86.50	96.56	-1.40	5.25	97.32	-1.35	5.19
17	D-2	81.97	95.88	-2.00	7.72	96.79	-1.93	7.77	86.76	96.60	-1.40	5.12	97.35	-1.34	5.08
18	D-3	81.83	95.88	-2.08	7.80	96.78	-2.01	7.86	86.16	96.53	-1.49	5.47	97.30	-1.43	5.43
19	D-4	83.21	96.16	-1.78	7.14	97.01	-1.72	7.15	86.79	96.55	-1.34	5.02	97.31	-1.29	4.98
20	D-5	82.29	96.07	-1.89	7.73	96.94	-1.91	7.76	86.23	96.40	-1.47	5.21	97.20	-1.42	5.16
21	E-1	78.65	93.10	-1.77	8.76	94.60	-1.73	8.98	78.79	93.56	-1.52	6.99	94.98	-1.48	7.07
22	E-2	78.07	92.94	-1.78	9.02	94.47	-1.74	9.25	77.98	93.58	-1.81	7.68	94.98	-1.76	7.79
23	E-3	78.79	93.01	-1.82	7.79	94.53	-1.88	7.93	80.36	93.81	-1.59	6.17	95.16	-1.54	6.20
24	E-4	74.71	92.53	-1.85	8.71	94.14	-1.81	8.93	77.63	93.34	-1.59	7.61	94.79	-1.54	7.72
25	E-5	76.67	92.70	-1.88	8.32	94.29	-1.82	8.50	77.44	93.24	-1.68	7.62	94.71	-1.63	7.74
26	F-1	79.09	93.29	-1.66	6.41	94.76	-1.61	6.46	81.12	93.63	-1.50	5.33	95.02	-1.45	5.34
27	F-2	78.20	93.27	-1.70	7.09	94.74	-1.66	7.17	80.39	93.70	-1.53	6.02	95.07	-1.48	6.04
28	F-3	78.82	93.40	-1.78	6.71	94.84	-1.71	6.77	80.31	93.69	-1.59	6.05	95.07	-1.55	6.08
29	F-4	79.02	93.16	-1.48	6.26	94.65	-1.45	6.33	82.01	93.83	-1.38	4.91	95.18	-1.32	4.90
30	F-5	78.68	93.33	-1.72	6.62	94.78	-1.67	6.69	81.34	93.79	-1.44	5.40	95.14	-1.40	5.41
31	G-1	82.29	93.57	-1.47	4.76	95.21	-1.43	4.75	84.35	94.37	-1.24	3.90	95.61	-1.20	3.88
32	G-2	80.72	93.84	-1.64	5.96	95.19	-1.59	5.98	83.77	94.36	-1.30	4.38	95.59	-1.26	4.33
33	G-3	81.41	93.82	-1.63	5.39	95.18	-1.49	5.39	84.09	94.30	-1.25	3.99	95.55	-1.21	3.98
34	G-4	82.56	93.86	-1.33	4.57	95.23	-1.29	4.56	85.15	94.36	-1.05	3.26	95.60	-1.02	3.21
35	G-5	79.68	93.63	-1.54	6.29	95.02	-1.50	6.34	83.61	94.26	-1.33	4.32	95.51	-1.29	4.30
36	H-1	82.56	94.23	-1.48	5.08	95.50	-1.44	5.06	85.57	94.76	-1.11	3.57	95.93	-1.07	3.52
37	H-2	82.42	94.13	-1.55	5.01	95.41	-1.50	4.99	86.01	94.81	-1.09	3.25	95.95	-1.05	3.21
38	H-3	83.36	94.28	-1.46	4.52	95.53	-1.41	4.50	85.87	94.72	-1.03	3.22	95.88	-0.99	3.18
39	H-4	82.64	94.21	-1.59	4.99	95.48	-1.54	4.98	85.14	94.67	-1.28	3.70	95.84	-1.22	3.66
40	H-5	82.66	94.20	-1.39	4.96	95.47	-1.35	4.94	86.47	94.79	-0.92	2.87	95.94	-0.88	2.82
41	I-1	79.99	92.99	-1.13	5.34	94.62	-1.10	5.36	81.14	93.17	-0.97	4.67	94.65	-0.94	4.66
42	I-2	77.28	92.06	-1.26	6.15	93.77	-1.23	6.23	79.10	92.46	-1.05	5.27	94.09	-1.05	5.29
43	I-3	76.93	91.92	-1.20	6.26	93.66	-1.17	6.34	78.51	92.04	-0.96	5.16	93.76	-0.94	5.19
44	I-4	78.14	91.50	-1.19	6.31	93.33	-1.17	6.40	77.81	91.83	-1.13	5.60	93.60	-1.11	5.65
45	I-5	76.37	91.22	-1.27	6.50	93.11	-1.25	6.61	76.92	91.66	-1.16	5.90	93.46	-1.13	5.97
46	J-1	78.67	91.98	-1.29	5.01	93.71	-1.26	5.06	81.11	92.27	-0.91	3.51	93.94	-0.86	3.49
47	J-2	78.62	91.77	-1.08	4.73	93.54	-1.06	4.76	80.49	92.14	-0.94	3.83	93.84	-0.92	3.83
48	J-3	78.78	91.78	-1.10	4.66	93.55	-1.08	4.61	80.06	92.12	-1.06	4.14	93.82	-1.03	4.14
49	J-4	78.71	91.33	-1.19	5.61	93.20	-1.16	5.68	78.62	91.93	-1.07	4.99	93.67	-1.05	5.02
50	J-5	79.27	91.88	-0.96	4.36	93.63	-0.92	4.37	80.30	92.16	-0.91	3.98	93.84	-0.89	3.96
51	K-1	77.13	91.75	-1.26	5.92	93.53	-1.25	5.98	80.83	92.16	-0.81	3.60	93.67	-0.76	3.59
52	K-2	77.80	91.68	-1.29	5.24	93.48	-1.27	5.28	79.49	92.10	-1.09	4.61	93.81	-1.06	4.63
53	K-3	80.21	92.15	-1.06	4.04	93.85	-1.03	4.04	81.45	92.41	-0.83	3.43	94.05	-0.81	3.42
54	K-4	77.02	91.93	-1.46	6.25	93.67	-1.42	6.33	80.91	92.36	-1.01	3.81	94.01	-0.99	3.80
55	K-5	78.21	91.87	-1.36	5.17	93.62	-1.35	5.20	81.40	92.47	-0.96	3.59	94.09	-0.93	3.56
56	L-1	80.87	92.29	-1.08	3.67	93.96	-1.05	3.66	84.70	92.94	-0.49	1.67	94.47	-0.47	1.66
57	L-2	81.26	92.40	-0.91	3.54	94.05	-0.89	3.62	84.27	92.94	-0.58	2.02	94.48	-0.56	1.99
58	L-3	80.84	92.51	-1.17	4.03	94.13	-1.14	4.02	84.30	92.96	-0.62	2.00	94.48	-0.60	1.97
59	L-4	81.26	92.34	-1.01	3.46	94.00	-0.98	3.44	85.06	92.81	-0.36	1.18	94.37	-0.34	1.16
60	L-5	78.48	92.14	-1.37	5.37	93.84	-1.34	5.42	83.69	92.86	-0.71	2.39	94.41	-0.69	2.36

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Yaw

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Welch	[redacted]

From Page No. 47

EXHIBIT F

Absorbent Produc [redacted]

61	M-1	77.56	94.46	-1.39	9.04	95.67	-1.35	9.21	79.28	94.80	-1.50	8.23	95.94	-1.45	8.34
62	M-2	74.50	93.63	-1.43	10.32	95.02	-1.38	10.62	78.60	94.78	-1.65	8.74	95.93	-1.60	8.88
63	M-3	76.03	94.22	-1.46	9.84	95.48	-1.42	10.19	78.20	94.80	-1.50	9.08	95.94	-1.45	9.24
64	M-4	77.65	94.41	-1.38	8.95	95.64	-1.34	9.11	79.87	95.12	-1.49	8.23	96.19	-1.44	8.33
65	M-5	76.96	94.25	-1.45	9.25	95.51	-1.40	9.45	79.33	94.98	-1.58	8.44	96.06	-1.53	8.55
66	N-1	80.29	95.55	-1.87	8.47	96.53	-1.81	8.57	83.08	95.98	-1.73	7.01	96.86	-1.67	7.01
67	N-2	79.80	95.32	-1.78	8.54	96.35	-1.72	8.65	83.20	95.81	-1.68	6.67	96.74	-1.62	6.67
68	N-3	79.78	95.50	-2.09	8.80	96.49	-2.02	8.92	83.41	96.03	-1.78	6.82	96.91	-1.71	6.83
69	N-4	78.73	95.19	-1.92	9.17	96.25	-1.88	9.32	81.68	95.49	-1.74	7.38	96.49	-1.68	7.42
70	N-5	79.58	95.52	-1.94	8.94	96.51	-1.87	9.06	81.87	95.47	-1.77	7.20	96.46	-1.71	7.23
71	O-1	80.78	95.57	-1.88	8.20	96.55	-1.81	8.29	84.91	96.11	-1.60	5.81	96.97	-1.54	5.79
72	O-2	79.94	95.45	-1.91	8.63	96.46	-1.85	8.74	83.77	95.93	-1.73	6.39	96.83	-1.67	6.37
73	O-3	81.66	95.86	-1.86	7.89	96.78	-1.80	7.94	84.82	95.96	-1.59	5.66	96.88	-1.53	5.63
74	O-4	80.25	95.34	-2.03	8.29	96.37	-1.97	8.39	84.11	96.02	-1.66	5.28	96.90	-1.60	5.27
75	O-5	80.64	95.78	-1.96	8.58	96.71	-1.90	8.67	83.91	96.13	-1.79	5.62	96.99	-1.72	5.61
76	P-1	83.83	96.41	-1.91	7.04	97.20	-1.84	7.03	86.92	96.52	-1.41	4.87	97.30	-1.35	4.81
77	P-2	82.78	96.10	-1.93	7.41	96.97	-1.86	7.43	86.77	96.27	-1.43	4.65	97.10	-1.37	4.60
78	P-3	83.49	96.18	-1.97	7.01	97.02	-1.90	7.01	87.12	96.47	-1.32	4.64	97.28	-1.26	4.58
79	P-4	83.61	96.17	-1.95	6.92	97.02	-1.89	6.92	87.05	96.34	-1.32	4.54	97.15	-1.26	4.48
80	P-5	84.61	96.40	-1.82	6.31	97.20	-1.76	6.29	87.09	96.46	-1.27	4.66	97.26	-1.22	4.60
81	Q-1	77.55	94.62	-2.27	9.33	96.80	-2.21	9.51	81.99	95.29	-1.87	6.87	96.33	-1.80	6.89
82	Q-2	76.77	94.15	-1.93	10.08	95.43	-1.85	10.34	79.12	94.60	-1.83	8.07	95.79	-1.77	8.17
83	Q-3	77.10	94.36	-1.81	9.36	95.61	-1.76	9.56	79.82	94.76	-1.78	7.81	95.90	-1.72	7.89
84	Q-4	76.18	94.12	-1.82	9.71	95.41	-1.77	9.94	78.58	94.67	-1.85	8.65	95.84	-1.80	8.78
85	Q-5	76.43	94.20	-1.74	9.60	95.47	-1.69	9.81	78.84	94.70	-1.82	8.43	95.86	-1.77	8.56
86	R-1	78.22	94.76	-2.14	9.01	95.91	-2.08	9.17	81.87	95.09	-2.00	6.72	96.17	-1.94	6.75
87	R-2	78.72	94.83	-2.13	8.76	95.97	-2.06	8.89	82.34	95.36	-1.96	6.76	96.39	-1.89	6.78
88	R-3	80.26	94.96	-1.92	7.70	96.07	-1.86	7.77	83.84	95.46	-1.74	5.88	96.46	-1.68	5.86
89	R-4	79.69	95.12	-2.01	8.40	96.20	-1.94	8.50	82.82	95.47	-1.84	6.51	96.47	-1.78	6.51
90	R-5	78.13	94.76	-2.13	9.07	95.91	-2.07	9.23	82.36	95.39	-1.97	6.78	96.41	-1.91	6.80
91	S-1	81.29	95.30	-2.09	7.43	96.34	-2.02	7.48	83.56	95.36	-1.84	5.83	96.39	-1.78	5.82
92	S-2	80.83	95.23	-2.01	7.92	96.28	-1.94	7.99	83.24	95.55	-2.01	6.36	96.54	-1.95	6.36
93	S-3	81.39	95.43	-2.06	7.51	96.44	-2.00	7.56	84.56	95.70	-1.71	5.49	96.65	-1.65	5.46
94	S-4	80.39	95.26	-2.17	8.08	96.31	-2.10	8.16	83.99	95.71	-1.85	5.99	96.66	-1.78	5.97
95	S-5	79.31	94.95	-2.14	8.42	96.06	-2.07	8.53	83.80	95.45	-1.73	6.12	96.46	-1.67	6.11
96	T-1	81.70	95.50	-2.16	7.38	96.49	-2.09	7.42	86.11	95.99	-1.60	4.76	96.88	-1.55	4.70
97	T-2	82.36	95.51	-2.08	6.89	96.50	-1.99	6.91	86.36	96.03	-1.56	4.63	96.91	-1.50	4.58
98	T-3	82.59	95.56	-2.06	6.86	96.56	-1.98	6.87	86.84	96.02	-1.45	4.24	96.90	-1.40	4.19
99	T-4	83.40	95.66	-1.98	6.31	96.64	-1.89	6.30	87.30	96.28	-1.41	4.24	97.09	-1.35	4.18
100	T-5	82.98	95.54	-2.01	6.49	96.52	-1.95	6.49	86.35	96.09	-1.58	4.73	96.95	-1.52	4.68
101	U-1	77.99	94.00	-2.11	8.22	95.31	-2.05	8.36	79.70	94.23	-2.09	7.23	95.49	-2.04	7.29
102	U-2	75.74	93.68	-2.26	9.50	95.06	-2.20	9.73	78.79	94.11	-2.09	7.76	95.40	-2.03	7.86
103	U-3	76.23	93.80	-2.10	9.00	94.99	-2.05	9.20	78.16	93.85	-2.02	7.87	95.20	-1.97	7.98
104	U-4	77.23	93.85	-2.06	8.58	95.20	-2.00	8.74	78.40	94.06	-2.09	7.95	95.35	-2.04	8.06
105	U-5	77.87	94.02	-2.12	8.33	95.33	-2.06	8.46	81.19	94.43	-1.87	6.35	95.68	-1.82	6.36
106	V-1	80.87	94.74	-2.10	7.01	95.90	-2.04	7.06	82.96	94.79	-1.79	5.47	95.93	-1.73	5.46
107	V-2	80.42	94.48	-2.02	7.01	95.69	-1.96	7.06	83.21	94.92	-1.74	5.48	96.04	-1.69	5.46
108	V-3	82.00	94.71	-1.87	6.10	95.87	-1.82	6.11	84.14	94.84	-1.55	4.81	95.97	-1.50	4.58
109	V-4	80.44	94.72	-2.14	7.31	95.86	-2.08	7.37	82.97	94.93	-1.81	5.69	96.06	-1.76	5.67
110	V-5	79.99	94.66	-2.09	7.59	95.83	-2.03	7.66	81.06	94.52	-1.94	6.56	95.78	-1.88	6.61
111	W-1	83.09	95.12	-1.88	5.84	96.19	-1.82	5.83	86.07	95.28	-1.60	4.56	96.32	-1.55	4.51
112	W-2	82.42	95.21	-2.17	6.49	96.27	-2.10	6.50	84.37	95.14	-1.71	4.92	96.21	-1.65	4.89
113	W-3	82.79	95.19	-2.08	6.17	96.25	-2.02	6.17	85.13	95.17	-1.62	4.38	96.24	-1.46	4.33
114	W-4	82.78	95.14	-2.07	6.09	96.21	-2.00	6.09	84.58	95.35	-1.77	5.06	96.37	-1.71	5.02
115	W-5	79.90	94.76	-2.20	7.84	95.93	-2.14	7.92	83.78	95.14	-1.65	5.35	96.21	-1.59	5.32
116	X-1	83.70	95.41	-2.03	5.81	96.42	-1.96	5.79	86.63	95.45	-1.42	3.63	96.45	-1.36	3.58
117	X-2	85.08	95.60	-1.82	5.03	96.57	-1.76	4.99	86.74	95.51	-1.40	3.63	96.50	-1.35	3.58
118	X-3	85.30	95.64	-1.88	4.93	96.60	-1.81	4.88	87.48	95.48	-1.32	3.00	96.48	-1.27	2.95
119	X-4	85.20	95.53	-1.88	4.86	96.52	-1.82	4.82	87.55	95.55	-1.33	3.07	96.53	-1.28	3.01
120	X-5	85.65	95.66	-1.94	4.70	96.62	-1.87	4.66	87.89	95.61	-1.35	2.89	96.58	-1.30	2.83

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Welch	[redacted]

om Page No. 48

EXHIBIT G

Absorbent Produc [redacted]

1	A-1	78.07	94.85	-1.75	9.25	95.99	-1.69	9.42	79.59	95.22	-1.55	8.56	96.28	-1.50	8.69
2	A-2	77.82	94.82	-1.70	9.29	95.80	-1.65	9.47	78.39	94.99	-1.57	9.20	96.10	-1.52	9.36
3	A-3	79.46	94.97	-1.60	8.29	96.08	-1.55	8.40	79.09	95.00	-1.56	8.64	96.10	-1.53	8.76
4	A-4	79.46	95.05	-1.61	8.47	96.14	-1.56	8.58	78.54	95.12	-1.79	9.25	96.19	-1.73	9.41
5	A-5	77.74	94.78	-1.56	9.35	95.93	-1.53	9.53	78.16	95.00	-1.64	9.36	96.10	-1.59	9.53
6	B-1	83.82	95.98	-1.61	6.43	96.87	-1.56	6.42	83.10	96.90	-1.60	6.60	96.80	-1.55	6.81
7	B-2	83.21	95.96	-1.79	6.88	96.85	-1.72	6.88	83.51	96.01	-1.69	6.71	96.89	-1.62	6.71
8	B-3	84.10	96.05	-1.68	6.32	96.92	-1.62	6.30	82.57	96.03	-1.81	7.45	96.91	-1.75	7.48
9	B-4	83.37	95.92	-1.67	6.72	96.82	-1.61	6.72	82.96	95.89	-1.85	6.97	96.80	-1.78	6.98
10	B-5	83.51	96.07	-1.66	6.76	96.94	-1.60	6.76	83.13	96.11	-1.72	7.13	96.97	-1.65	7.15
11	C-1	84.33	95.82	-1.58	5.48	96.51	-1.52	5.45	86.40	96.53	-1.63	5.28	97.30	-1.56	5.23
12	C-2	85.13	96.20	-1.75	5.76	97.06	-1.68	5.72	85.66	96.56	-1.86	5.89	97.32	-1.80	5.85
13	C-3	84.65	96.21	-1.72	6.14	97.06	-1.66	6.12	84.04	96.21	-1.86	6.66	97.06	-1.80	6.66
14	C-4	84.67	96.25	-1.74	6.17	97.08	-1.67	6.14	84.74	96.32	-1.80	6.28	97.14	-1.73	6.26
15	C-5	84.97	96.02	-1.61	5.65	96.90	-1.55	5.61	85.44	96.43	-1.61	5.84	97.22	-1.55	5.80
16	D-1	87.80	96.50	-1.36	4.35	97.28	-1.31	4.29	88.63	96.76	-1.26	3.89	97.47	-1.21	3.82
17	D-2	88.82	96.86	-1.58	5.14	97.40	-1.52	5.08	88.26	96.86	-1.38	4.34	97.56	-1.33	4.27
18	D-3	88.88	96.65	-1.60	5.11	97.39	-1.54	5.06	87.21	96.45	-1.54	4.60	97.23	-1.48	4.54
19	D-4	87.58	96.55	-1.35	4.41	97.32	-1.29	4.35	88.16	96.49	-1.34	3.91	97.26	-1.29	3.85
20	D-5	88.76	96.40	-1.54	4.84	97.20	-1.48	4.79	87.10	96.56	-1.45	4.77	97.33	-1.40	4.71
21	E-1	81.48	94.06	-1.46	5.82	96.36	-1.41	5.83	82.10	94.04	-1.34	5.12	96.36	-1.30	5.11
22	E-2	79.90	93.70	-1.66	6.36	96.08	-1.61	6.40	79.74	93.74	-1.62	6.53	96.11	-1.58	6.56
23	E-3	81.86	93.76	-1.24	4.93	96.14	-1.20	4.92	82.36	93.81	-1.16	4.58	96.16	-1.12	4.56
24	E-4	78.76	93.41	-1.62	6.84	94.85	-1.48	6.91	78.55	93.33	-1.56	6.87	94.78	-1.50	6.96
25	E-5	78.26	93.29	-1.70	6.94	94.70	-1.66	7.03	79.33	93.45	-1.58	6.44	94.88	-1.53	6.49
26	F-1	82.40	93.76	-1.35	4.55	96.13	-1.31	4.53	83.76	93.76	-1.14	3.49	96.14	-1.11	3.46
27	F-2	81.22	93.67	-1.61	5.34	96.06	-1.47	5.36	82.17	93.76	-1.33	4.69	96.12	-1.29	4.67
28	F-3	82.20	93.88	-1.36	4.86	96.22	-1.32	4.86	82.66	93.94	-1.34	4.60	96.27	-1.30	4.56
29	F-4	83.42	93.83	-1.09	3.83	96.17	-1.06	3.80	83.73	93.87	-1.08	3.66	96.21	-1.06	3.62
30	F-5	81.97	93.82	-1.28	4.62	96.01	-1.24	4.61	82.50	93.73	-1.22	4.42	96.10	-1.18	4.40
31	G-1	88.10	94.33	-0.88	2.50	95.58	-0.85	2.46	88.47	94.46	-0.93	2.38	96.67	-0.90	2.34
32	G-2	88.30	94.40	-0.92	2.44	95.63	-0.88	2.41	88.43	94.53	-0.88	2.49	95.73	-0.85	2.44
33	G-3	85.97	94.44	-0.93	2.74	95.66	-0.89	2.70	88.43	94.47	-0.94	2.45	95.69	-0.91	2.41
34	G-4	88.28	94.30	-0.84	2.29	95.56	-0.81	2.25	88.61	94.52	-0.88	2.37	95.72	-0.85	2.33
35	G-5	85.26	94.27	-1.08	3.02	95.53	-1.04	2.98	88.54	94.52	-0.88	2.42	95.72	-0.84	2.38
36	H-1	87.79	94.73	-0.47	1.69	95.89	-0.45	1.65	88.50	95.16	-0.66	1.60	96.23	-0.63	1.76
37	H-2	88.04	94.92	-0.49	1.77	96.04	-0.47	1.73	88.11	95.12	-0.82	2.04	96.20	-0.79	2.00
38	H-3	87.63	94.78	-0.51	1.87	95.93	-0.49	1.83	88.31	95.11	-0.73	1.87	96.18	-0.70	1.83
39	H-4	87.92	94.82	-0.49	1.73	95.96	-0.46	1.69	88.77	95.06	-0.61	1.44	96.14	-0.59	1.40
40	H-5	88.22	94.93	-0.42	1.63	96.04	-0.40	1.59	88.97	95.16	-0.54	1.41	96.22	-0.52	1.37
41	I-1	82.82	93.28	-0.69	3.51	94.76	-0.67	3.49	81.48	92.89	-0.85	4.02	94.44	-0.85	4.01
42	I-2	81.56	92.68	-0.73	3.66	94.27	-0.71	3.64	80.80	92.48	-0.91	4.11	94.11	-0.88	4.10
43	I-3	81.11	92.28	-0.67	3.46	93.96	-0.64	3.44	79.77	92.31	-0.98	4.55	93.96	-0.95	4.56
44	I-4	80.97	92.19	-0.64	3.45	93.88	-0.62	3.44	79.44	92.00	-0.97	4.40	93.73	-0.94	4.42
45	I-5	80.22	91.96	-0.65	3.72	93.70	-0.63	3.72	79.12	91.78	-0.87	4.29	93.56	-0.85	4.30
46	J-1	82.83	92.25	-0.39	2.07	93.93	-0.36	2.05	81.90	92.27	-0.79	2.87	93.94	-0.76	2.85
47	J-2	83.05	92.29	-0.35	1.97	93.96	-0.33	1.94	80.65	92.02	-0.83	3.47	93.74	-0.80	3.46
48	J-3	81.57	92.03	-0.55	2.74	93.76	-0.53	2.72	81.66	92.27	-0.85	3.07	93.94	-0.83	3.06
49	J-4	81.92	92.03	-0.47	2.47	93.76	-0.45	2.46	80.69	92.06	-0.77	3.63	93.79	-0.74	3.63
50	J-5	83.07	92.26	-0.26	1.67	93.93	-0.25	1.66	81.10	92.20	-0.76	3.40	93.88	-0.74	3.39
51	K-1	83.74	92.44	-0.27	1.64	94.08	-0.26	1.61	83.76	92.66	-0.45	1.81	94.17	-0.43	1.76
52	K-2	82.44	92.24	-0.51	2.38	93.92	-0.50	2.36	81.71	92.23	-0.72	2.99	93.91	-0.70	2.97
53	K-3	83.55	92.25	-0.28	1.50	93.92	-0.27	1.47	84.46	92.56	-0.43	1.71	94.41	-0.41	1.69
54	K-4	83.92	92.46	-0.29	1.49	94.09	-0.28	1.47	84.02	92.52	-0.65	2.02	94.36	-0.63	1.99
55	K-5	84.43	92.53	-0.18	1.21	94.16	-0.17	1.19	84.83	92.55	-0.43	1.41	94.40	-0.42	1.39
56	L-1	86.72	93.06	0.09	0.18	94.57	0.09	0.18	87.21	93.57	-0.27	0.71	96.06	-0.26	0.69
57	L-2	86.84	93.12	0.09	0.18	94.62	0.09	0.18	87.85	93.45	0.01	-0.16	94.58	0.02	-0.16
58	L-3	86.93	93.20	0.06	0.26	94.68	0.06	0.26	87.73	93.44	0.06	-0.07	94.87	0.06	-0.07
59	L-4	86.94	93.04	0.12	0.01	94.55	0.13	0.01	87.44	93.49	-0.03	0.22	94.91	-0.02	0.22
60	L-5	86.91	92.97	-0.12	0.71	94.50	-0.11	0.70	87.16	93.54	-0.12	0.62	94.94	-0.11	0.61

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by Kathy Weld	[redacted]

Project No. 142-4513
Book No. 14640
TITLE APPL Trial 81 (cont.)
Absorbent Produc [redacted]

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EXHIBIT H

61	M-1	79.41	95.19	-1.69	8.67	96.25	-1.64	8.78	79.62	95.08	-1.43	8.35	96.17	-1.38	8.45
62	M-2	79.77	95.33	-1.69	8.57	96.36	-1.64	8.67	80.43	95.35	-1.45	8.11	96.37	-1.40	8.20
63	M-3	80.64	95.48	-1.62	8.15	96.48	-1.56	8.23	78.70	95.05	-1.57	9.00	96.14	-1.52	9.15
64	M-4	80.36	95.28	-1.77	8.05	96.32	-1.71	8.13	80.95	95.41	-1.44	7.79	96.43	-1.39	7.85
65	M-5	80.46	95.45	-1.54	8.22	96.46	-1.48	8.31	80.11	95.11	-1.40	8.01	96.19	-1.35	8.09
66	N-1	84.23	96.17	-1.92	6.43	97.02	-1.85	6.42	84.57	96.07	-1.65	6.00	96.94	-1.59	5.98
67	N-2	84.91	96.27	-1.70	6.01	97.10	-1.64	5.96	84.20	96.21	-1.79	6.50	97.05	-1.72	6.48
68	N-3	84.07	96.16	-1.77	6.50	97.01	-1.70	6.49	84.26	96.18	-1.69	6.40	97.03	-1.63	6.38
69	N-4	82.03	95.74	-2.08	7.61	96.68	-2.01	7.55	83.06	95.72	-1.75	6.89	96.87	-1.69	6.70
70	N-5	83.44	96.01	-1.83	6.79	96.89	-1.77	6.79	82.77	95.60	-1.70	7.03	96.73	-1.64	7.04
71	O-1	87.72	96.65	-1.28	4.45	97.39	-1.23	4.36	88.58	96.48	-1.53	5.10	97.26	-1.47	5.05
72	O-2	85.38	96.14	-1.73	5.54	97.00	-1.67	5.50	85.45	96.08	-1.63	5.38	96.96	-1.57	5.34
73	O-3	85.80	96.33	-1.77	5.47	97.16	-1.71	5.42	86.83	96.44	-1.49	4.82	97.23	-1.43	4.76
74	O-4	84.85	95.98	-1.66	5.65	96.88	-1.60	5.61	85.29	96.38	-1.54	5.90	97.19	-1.48	5.87
75	O-5	85.40	96.34	-1.62	5.76	97.16	-1.57	5.72	85.27	96.34	-1.73	5.88	97.16	-1.68	5.84
76	P-1	88.82	96.69	-1.27	3.68	97.43	-1.22	3.61	89.23	96.75	-1.24	3.48	97.47	-1.19	3.41
77	P-2	88.13	96.56	-1.39	4.00	97.32	-1.34	3.93	89.03	96.82	-1.21	3.70	97.53	-1.16	3.63
78	P-3	88.28	96.39	-1.24	3.66	97.19	-1.19	3.59	89.22	96.84	-1.10	3.58	97.54	-1.05	3.51
79	P-4	88.43	96.96	-1.34	4.36	97.84	-1.29	4.29	88.50	96.68	-1.25	3.91	97.42	-1.20	3.84
80	P-5	88.46	96.76	-1.40	4.08	97.48	-1.34	4.01	88.86	96.70	-1.28	3.67	97.43	-1.23	3.60
81	Q-1	88.32	95.59	-1.71	6.30	96.57	-1.66	6.29	84.16	95.37	-1.73	5.38	96.39	-1.67	5.33
82	Q-2	79.61	94.90	-1.69	8.16	96.02	-1.63	8.26	80.00	94.94	-1.78	7.94	96.06	-1.72	8.03
83	Q-3	80.62	95.06	-1.92	7.58	96.14	-1.86	7.64	80.18	94.91	-1.88	7.76	96.02	-1.82	7.84
84	Q-4	81.25	94.99	-1.64	7.00	96.09	-1.49	7.04	79.40	94.87	-1.92	8.29	96.00	-1.86	8.46
85	Q-5	81.62	95.06	-1.62	6.80	96.16	-1.47	6.83	79.47	94.87	-1.88	8.23	96.00	-1.82	8.33
86	R-1	83.94	95.46	-1.60	5.68	96.46	-1.55	5.64	82.48	95.45	-1.79	6.68	96.41	-1.73	6.70
87	R-2	84.06	95.56	-1.56	5.71	96.53	-1.51	5.69	83.00	95.56	-1.90	6.83	96.54	-1.84	6.83
88	R-3	85.46	95.57	-1.33	4.60	96.56	-1.28	4.55	84.84	95.65	-1.68	5.39	96.61	-1.61	5.36
89	R-4	84.85	95.54	-1.43	5.07	96.53	-1.38	5.04	85.00	95.77	-1.66	5.31	96.71	-1.60	5.27
90	R-5	83.66	95.49	-1.57	5.67	96.47	-1.51	5.55	83.93	95.66	-1.69	5.92	96.61	-1.63	5.90
91	S-1	86.30	95.75	-1.54	5.04	96.70	-1.49	4.99	86.51	95.86	-1.47	4.28	96.78	-1.42	4.23
92	S-2	86.06	95.92	-1.42	4.69	96.83	-1.37	4.63	86.62	96.01	-1.51	4.42	96.89	-1.46	4.38
93	S-3	86.10	96.02	-1.34	4.77	96.90	-1.29	4.72	86.27	95.96	-1.51	4.58	96.85	-1.45	4.53
94	S-4	86.06	96.06	-1.56	4.92	96.96	-1.50	4.87	85.36	95.74	-1.60	4.93	96.68	-1.54	4.89
95	S-5	84.56	95.66	-1.49	5.41	96.62	-1.43	5.37	84.60	95.82	-1.59	5.49	96.74	-1.53	5.45
96	T-1	88.50	96.31	-1.11	3.33	97.13	-1.06	3.27	89.34	96.24	-1.00	2.64	97.08	-0.96	2.58
97	T-2	88.59	96.19	-1.04	3.11	97.04	-1.00	3.05	89.12	96.30	-1.07	2.90	97.12	-1.02	2.84
98	T-3	88.75	96.42	-1.06	3.31	97.21	-1.01	3.25	88.91	96.11	-1.06	2.81	96.98	-1.03	2.76
99	T-4	89.11	96.42	-0.96	3.06	97.21	-0.93	2.99	88.90	96.40	-1.20	3.24	97.20	-1.16	3.17
100	T-5	88.39	96.32	-1.13	3.51	97.14	-1.08	3.45	88.77	96.38	-1.28	3.33	97.18	-1.23	3.26
101	U-1	81.92	94.40	-1.78	5.72	95.63	-1.73	5.73	82.01	94.50	-1.92	5.82	95.71	-1.88	5.82
102	U-2	81.33	94.60	-1.85	6.47	95.78	-1.79	6.50	80.11	94.32	-1.91	6.98	95.56	-1.85	7.03
103	U-3	80.70	94.27	-1.76	6.44	95.53	-1.73	6.47	78.06	93.81	-2.03	7.86	95.16	-1.98	7.97
104	U-4	81.19	94.34	-1.72	6.17	95.59	-1.67	6.19	80.16	94.35	-2.07	7.01	95.59	-2.01	7.08
105	U-5	81.96	94.44	-1.69	5.77	95.66	-1.64	5.77	80.30	94.30	-1.87	6.83	95.56	-1.81	6.88
106	V-1	84.92	95.15	-1.48	4.48	96.22	-1.43	4.44	84.97	95.19	-1.64	4.81	96.26	-1.58	4.47
107	V-2	84.74	95.02	-1.43	4.41	96.12	-1.38	4.37	83.80	95.09	-1.73	5.27	96.17	-1.67	5.24
108	V-3	85.43	95.12	-1.38	4.03	96.20	-1.31	3.98	85.81	96.17	-1.49	3.98	96.24	-1.44	3.93
109	V-4	84.48	94.97	-1.42	4.54	96.06	-1.38	4.51	82.73	94.86	-1.83	5.76	96.99	-1.78	5.76
110	V-5	83.79	94.93	-1.53	5.02	96.04	-1.48	5.00	82.03	94.77	-1.83	6.16	96.91	-1.77	6.17
111	W-1	86.67	95.47	-1.23	3.40	96.48	-1.18	3.34	87.45	95.84	-1.23	3.24	96.60	-1.19	3.19
112	W-2	86.03	95.40	-1.39	3.97	96.41	-1.34	3.92	86.78	95.40	-1.34	3.43	96.41	-1.29	3.37
113	W-3	86.67	95.31	-1.14	3.19	96.35	-1.10	3.14	86.20	95.42	-1.54	3.94	96.43	-1.48	3.89
114	W-4	86.66	95.42	-1.31	3.62	96.43	-1.26	3.46	86.06	95.41	-1.47	3.96	96.42	-1.42	3.91
115	W-5	85.00	95.13	-1.42	4.40	96.20	-1.37	4.36	84.19	95.16	-1.64	5.06	96.22	-1.58	5.01
116	X-1	88.16	95.79	-1.12	2.90	96.72	-1.07	2.85	88.12	95.74	-1.21	2.88	96.69	-1.16	2.83
117	X-2	88.71	95.66	-0.94	2.27	96.62	-0.90	2.22	89.17	95.73	-0.91	2.02	96.67	-0.87	1.97
118	X-3	89.01	95.80	-1.02	2.24	96.73	-0.98	2.19	89.48	95.84	-0.97	1.97	96.77	-0.93	1.92
119	X-4	89.21	95.88	-0.96	2.22	96.80	-0.92	2.17	89.26	95.81	-1.00	2.08	96.74	-0.96	2.02
120	X-5	89.03	95.78	-1.07	2.22	96.72	-1.03	2.17	89.31	95.81	-1.16	2.04	96.74	-1.12	1.99

% Consistency Results - Pulp Feed

Absorbent Products Pilot Line - Trial # 81 [redacted]

Operator: Kathy
Date: [redacted]

PF-1l	10.28	11.07	92.66	9.47	10.21	92.75	8.45	9.12	92.76	92.79	92.55
PF-1t	10.35	11.24	92.08	9.69	10.48	92.46	9.20	9.96	92.37	92.30	
PF - 2l	10.52	11.40	92.28	9.07	9.81	92.46	9.33	10.09	92.47	92.40	92.34
PF - 2t	11.67	12.65	92.25	9.46	10.24	92.38	10.19	11.05	92.22	92.28	
PF - 3l	10.25	11.11	92.25	9.34	10.13	92.20	9.34	10.11	92.38	92.28	91.70
PF - 3t	9.91	10.88	91.08	10.34	11.35	91.10	9.70	10.64	91.17	91.12	
PF-4l	9.71	10.56	91.95	9.47	10.30	91.94	9.79	10.63	92.10	92.00	92.42
PF-4t	8.19	8.84	92.65	8.57	9.24	92.75	8.02	8.61	93.15	92.85	
PF - 5l (Day 1)	9.84	10.67	92.22	8.81	9.55	92.25	9.20	9.96	92.37	92.28	92.40
PF - 5t (Day 1)	9.50	10.27	92.50	10.02	10.83	92.52	9.20	9.94	92.56	92.53	
PF - 5l (Day 2)	9.46	10.42	90.79	8.89	9.79	90.81	8.91	9.81	90.83	90.81	91.21
PF - 5t (Day 2)	9.43	10.30	91.55	9.99	10.90	91.65	8.90	9.71	91.68	91.62	
PF - 6l	9.02	9.84	91.67	9.00	9.80	91.84	8.81	9.59	91.87	91.79	91.31
PF - 6t	8.86	9.76	90.78	8.58	9.45	90.79	9.32	10.25	90.93	90.83	
PF - 7l	9.68	10.64	90.98	9.23	10.15	90.94	9.64	10.63	90.69	90.87	91.19
PF - 7t	10.23	11.20	91.34	9.05	9.88	91.60	9.59	10.47	91.60	91.51	
PF - 8l	8.62	9.43	91.41	8.91	9.74	91.48	9.99	10.90	91.65	91.51	91.44
PF - 8t	9.23	10.10	91.39	9.14	9.99	91.49	9.67	10.60	91.23	91.37	
PF - 9l	9.68	10.62	91.15	8.99	9.84	91.36	8.78	9.61	91.36	91.29	91.78
PF - 9t	10.14	10.99	92.27	9.32	10.08	92.46	9.69	10.74	92.09	92.27	

l = lead
t = tail

Recorded by Kathy Weld [redacted]

Witnesse